



H0498.70168US00 Serial No.: 10/003,033
Optical Modulator/Detector Based on
Reconfigurable Diffraction Grating
Inventors: Olivier J.A. Schueller, et al.
Date of Deposit: April 13, 2004

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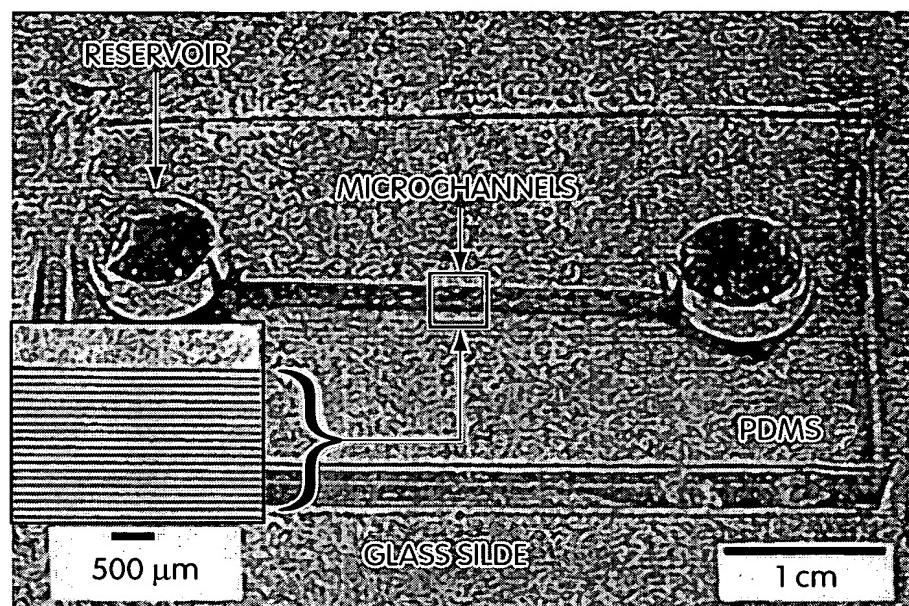


Fig. 1



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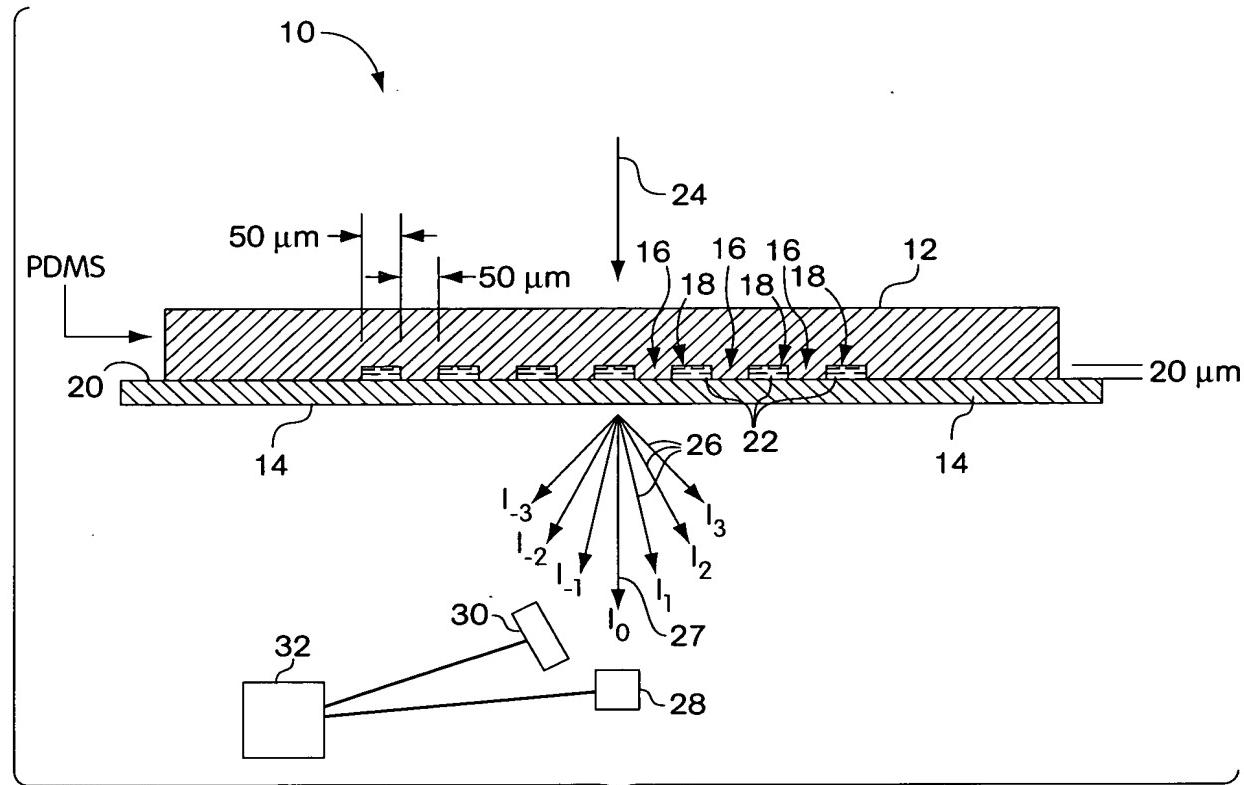


Fig. 2

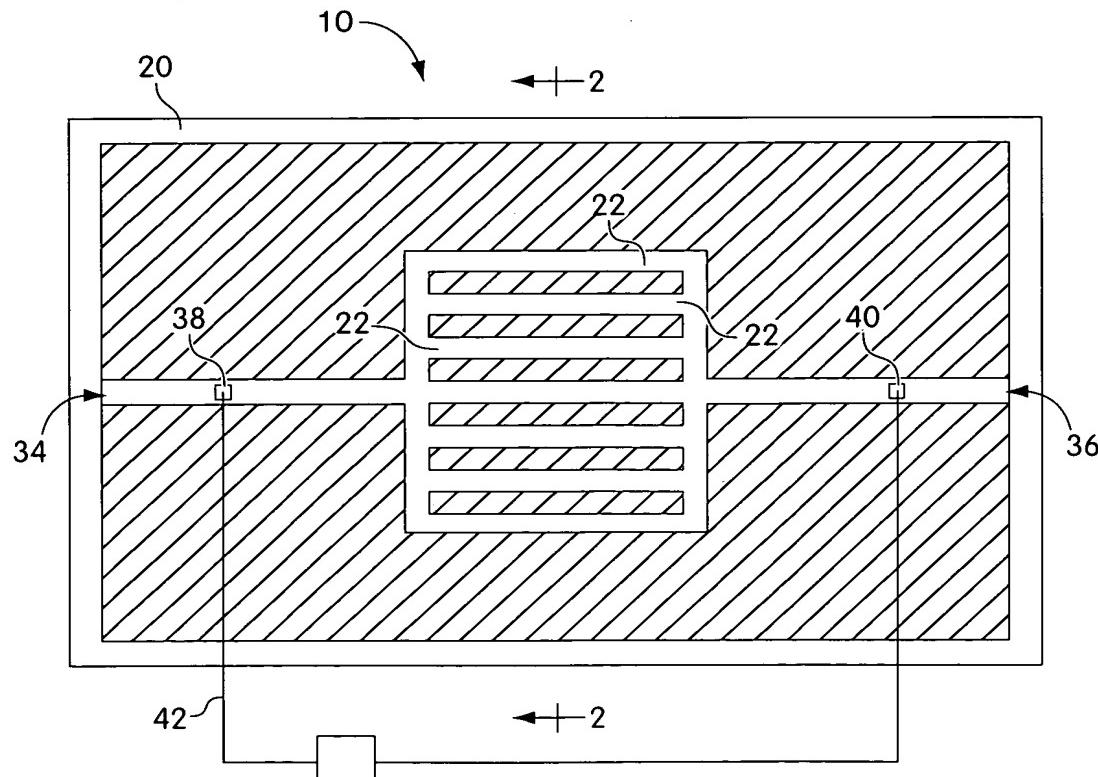
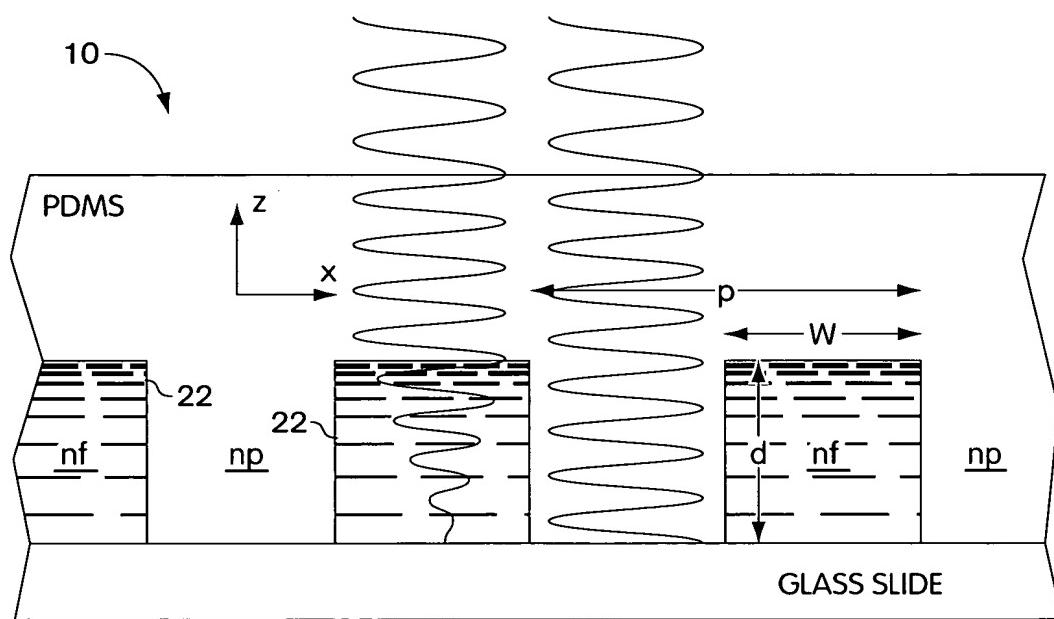


Fig. 2A



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$$\delta\varphi = \frac{2\pi}{\lambda} d\Delta n$$

Fig. 3

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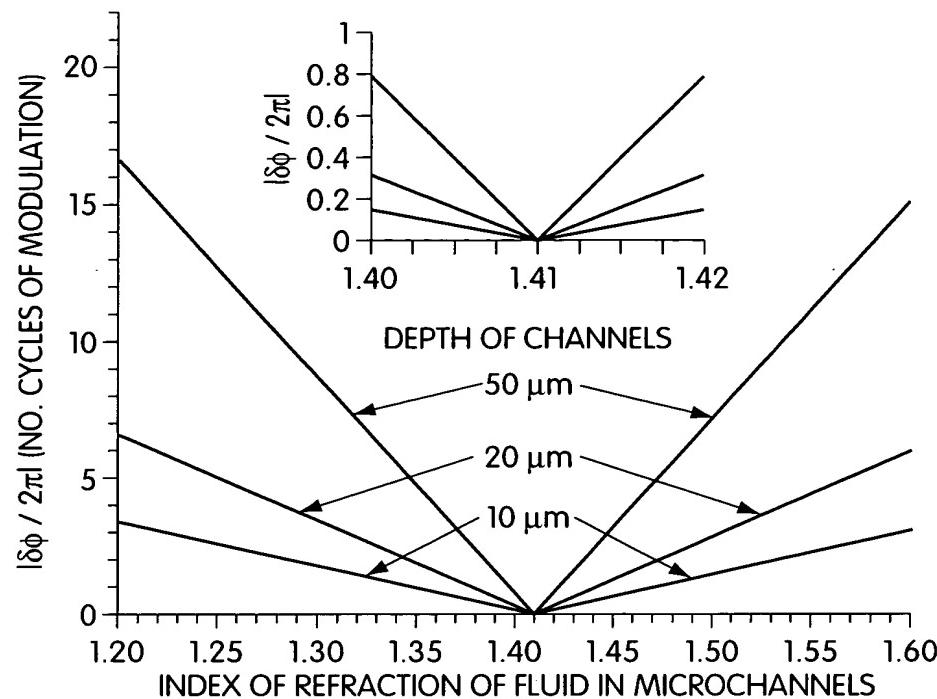


Fig. 4

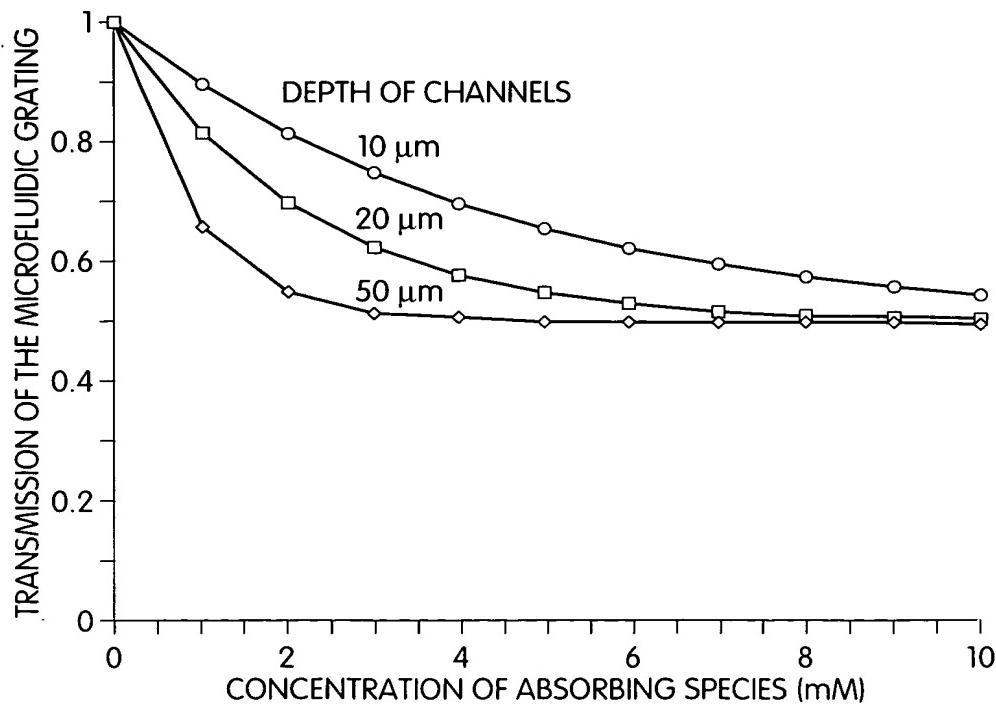


Fig. 5



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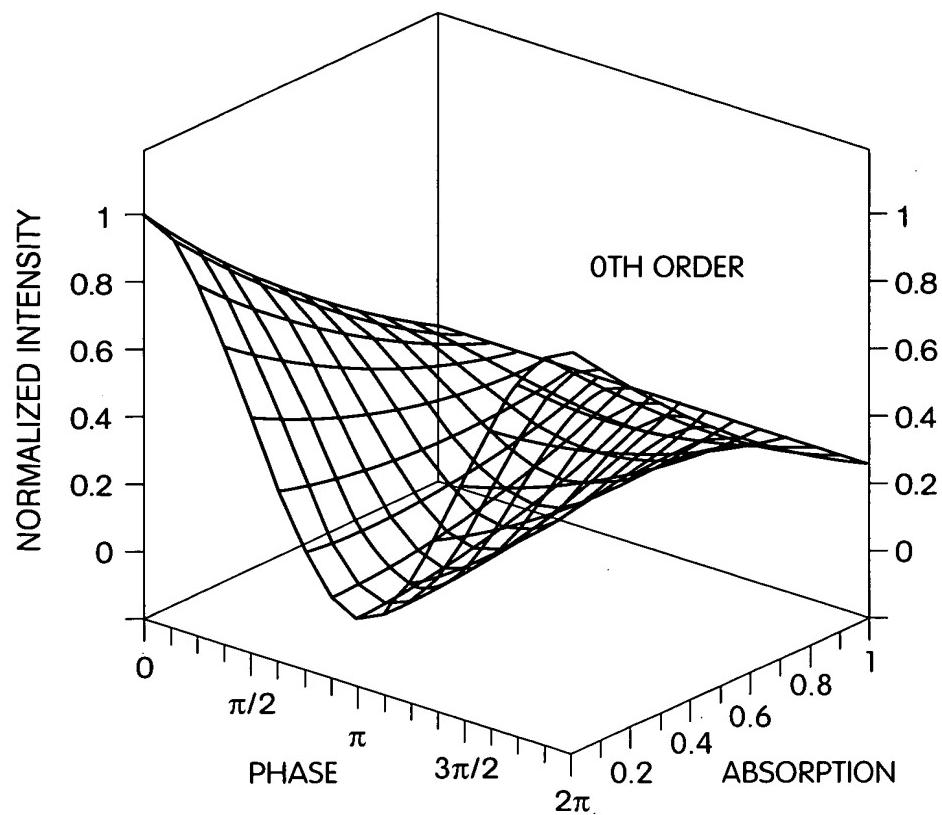


Fig. 6



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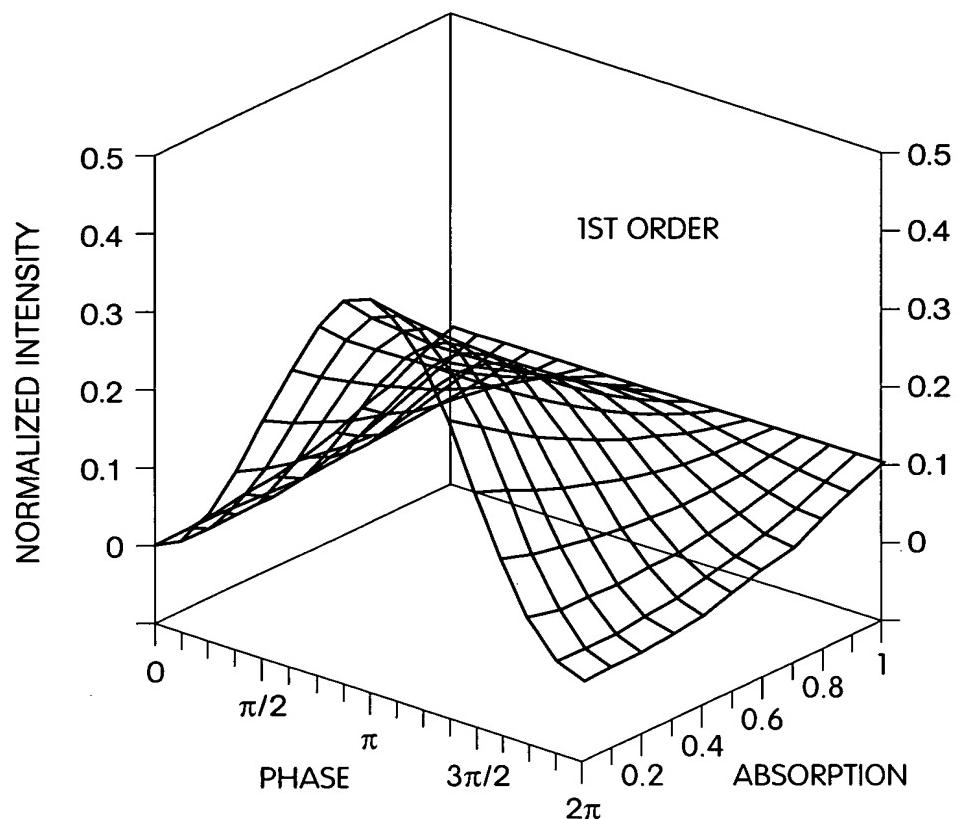


Fig. 7



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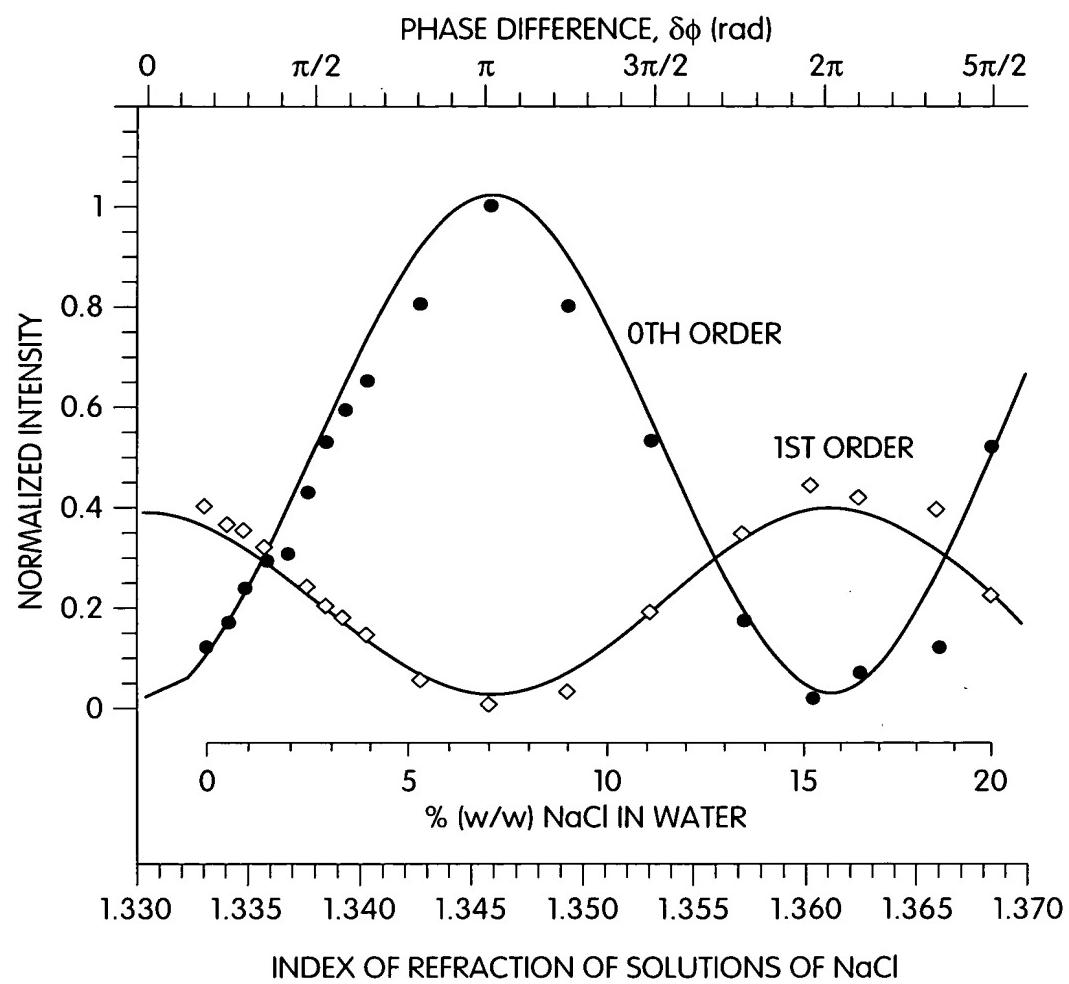


Fig. 8



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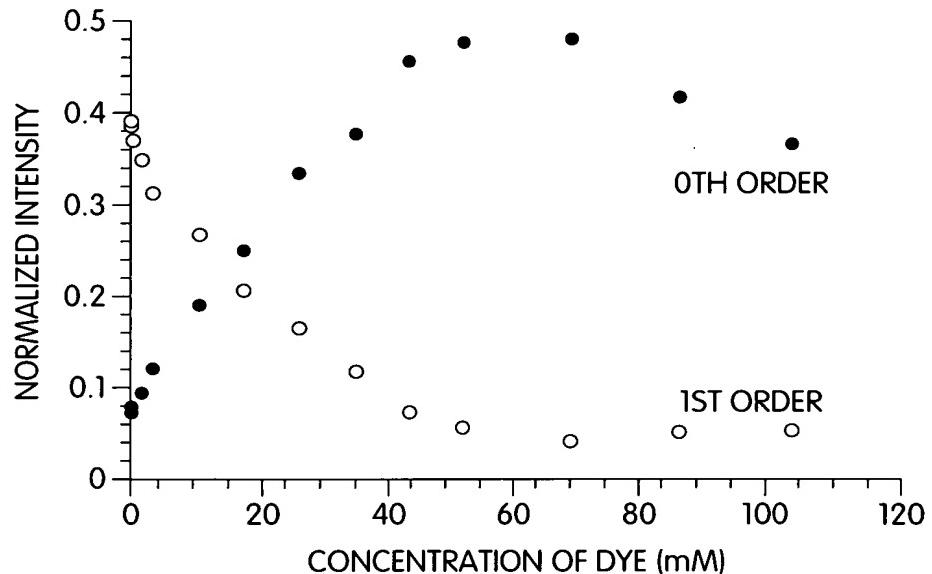


Fig. 9

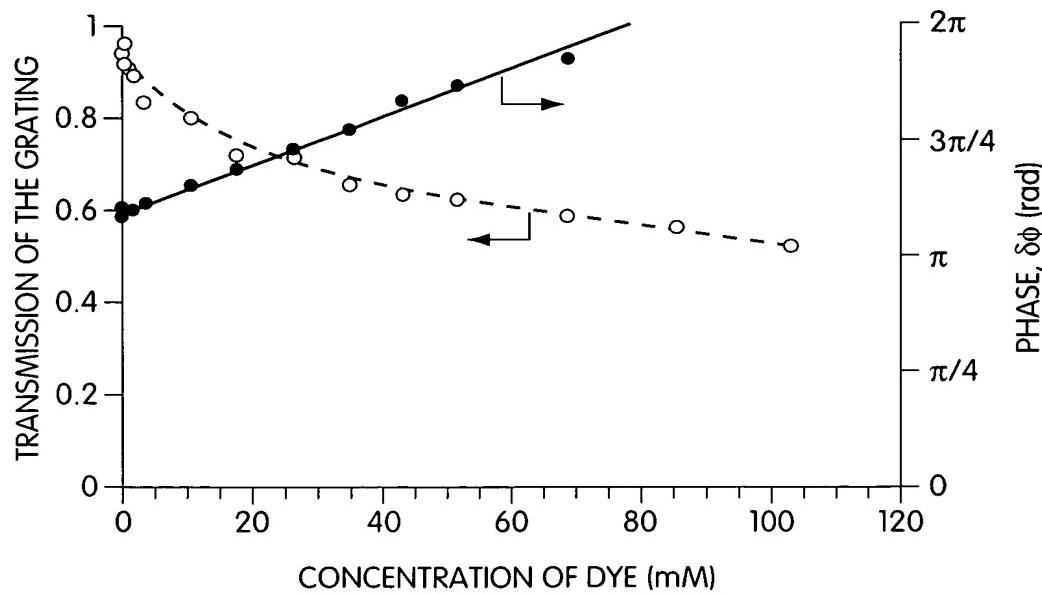


Fig. 10



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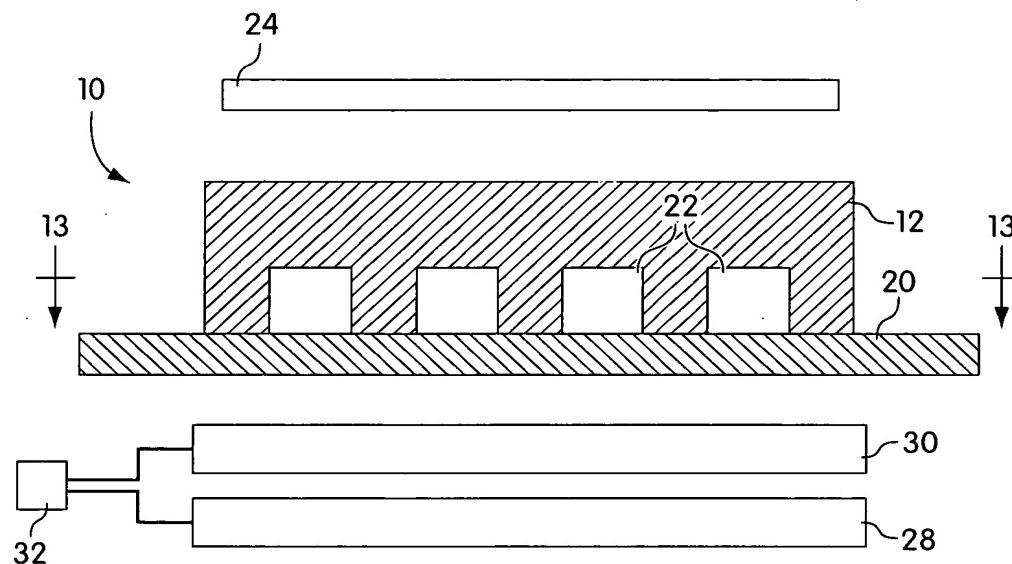


Fig. 11

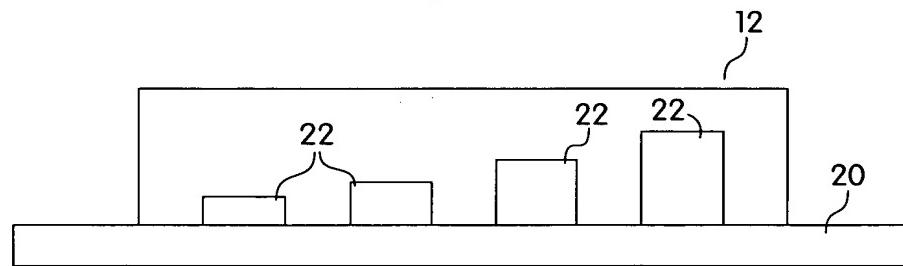


Fig. 12

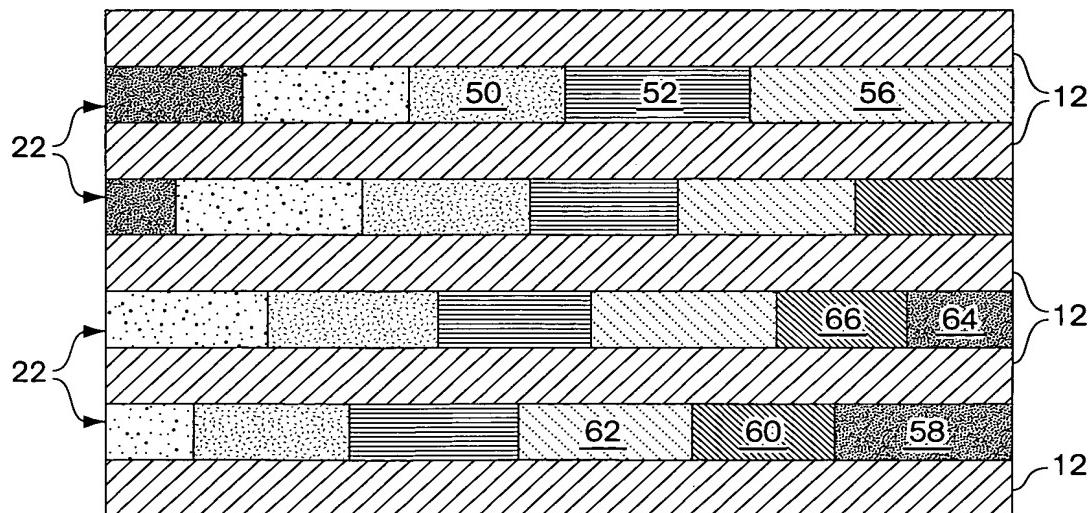


Fig. 13